






Spirit/Navman 470 Series

Hardware User Manual

Important safety information

PLEASE READ CAREFULLY BEFORE INSTALLING PRODUCT IN VEHICLE

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
 WARNING	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
CAUTION	CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.



Removing original equipment, adding accessories or modifying your vehicle could affect the vehicle's safety or make it illegal to operate in some jurisdictions.

Follow all product instructions and all instructions in your vehicle owner's manual regarding accessories or modifications.

Consult your country's and/or state's laws regarding operation of a vehicle with any accessories or modifications.

It is your sole responsibility to place, secure and use your Mio in a manner that will not cause accidents, personal injury or property damage. Always observe safe driving practices.

Do not mount your Mio in a way that may interfere with the safe operation of the vehicle, the deployment of air bags or other safety equipment.

Do not operate your Mio while driving.

Before you use your Mio for the first time, familiarize yourself with your device and its operation.

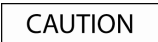
On main roads, the distance to an exit calculated by your Mio may be further than the distance shown on road signs. Road signs show the distance to the start of an exit while your Mio shows the distance to the next intersection, i.e., the end of the exit ramp or road. To prepare to exit a road, always follow distance information on road signs.

The use of information regarding safety or speed camera locations may be subject to local laws in the country of use. You are responsible for checking that you can legally use the information in your country or in the country where the information will be used.



Do not handle your Mio while it is hot. Let the product cool, out of direct sunlight.

At full power, prolonged listening to your Mio via headphones or earphones can damage the ear of the user.



Do not expose your Mio to direct sunlight in an unattended vehicle for prolonged periods. Overheating may damage the unit.

To discourage theft, do not leave your Mio, mounting bracket or any cables in plain view in an unattended vehicle.

Warning Notice to Drivers in the United States

State law may prohibit drivers in states such as Arizona, California and Minnesota from mounting objects on their windshields while driving. Please make sure you research and follow your most current State laws. An alternative mounting option may be provided in the box with your product; or see our website for additional mounting alternatives. Mio does not take any responsibility for any fines, penalties, or damages that may be incurred as a result of disregarding this notice.

Home charger-specific safety information



To charge your Mio from the mains power, use the home charger (Model: MII050100; Input: 100-240V AC 50-60Hz; Output: 5V DC 1A Max) supplied by Mio as an accessory (may be sold separately). Using other home chargers with your Mio could result in serious injury or property damage.

Never use the charger if the plug or cord is damaged.

Do not expose the charger to moisture or water. Do not use the charger in a high moisture environment. Exposure to water may cause electrical sparks or fires.

Never touch the charger when your hands or feet are wet.

Allow adequate ventilation around the charger when using it to operate your Mio or charge the internal battery. Do not cover the charger with paper or other objects that will reduce ventilation. Do not use the charger while it is inside a carrying case or other container.

Ensure that the charger is connected to a power source with the correct fitting and voltage requirements. The voltage requirements can be found on the home charger casing and/or packaging.

Do not attempt to service the charger as this could result in personal injury. Replace the charger if it is damaged or exposed to excess moisture.

Internal battery-specific safety information



Your Mio contains a non-replaceable internal lithium-ion polymer battery. The battery may burst or explode if mishandled, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush or puncture the battery.

Recycle or dispose of the battery safely and properly according to local laws and regulations. Do not dispose of the battery in fire or water.



Only use the correct home charger (may be sold separately) or in-car charger supplied by Mio to charge your Mio internal battery.

Only use your Mio internal battery with your Mio unit.

The Mio battery will stop charging when the ambient temperature is less than 0°C (32°F) or more than 45°C (113°F).

Failure to adhere to these warnings and cautions may lead to death, serious injury or property damage. Mio disclaims all liability for installation or use of your Mio that causes or contributes to death, injury or property damage or that violates any law.

Compliance



WARNING This product, its packaging and its components contain chemicals known to the State of California to cause cancer, birth defects or reproductive harm. This Notice is being provided in accordance with California's Proposition 65.



For regulatory identification purposes:

- Mio Spirit/Navman 470 Series is assigned a model name of N255.

Marking labels located on the exterior of your Mio indicate the regulations that your model complies with. Please check the marking labels on your Mio and refer to the corresponding statements in this chapter. Some notices apply to specific models only.



Products with the CE marking comply with Radio & Telecommunication Terminal Equipment Directive (R&TTE) (1999/5/EC), the Electromagnetic Compatibility Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) - issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Standards:

EN 301 489-1: Electronic compatibility and Radio spectrum Matters (ERM), Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.

EN 301 489-17: Electronic compatibility and Radio spectrum Matters (ERM), Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment.

EN 55022: Radio disturbance characteristics

EN 55024: Immunity characteristics

EN 61000-3-2: Limits for harmonic current emissions

EN 61000-3-3: Limitation of voltage fluctuation and flicker in low-voltage supply system

IEC 60950-1:2001: Product Safety

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

Declaration of conformity

Hereby, Mio Technology declares that this N255 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

WEEE



This product must not be disposed of as normal household waste, in accordance with the EU directive for waste electrical and electronic equipment (WEEE - 2002/96/EC). Instead, it should be disposed of by returning it to the point of sale, or to a municipal recycling collection point.

Contents

Important safety information	2
Home charger-specific safety information.....	3
Internal battery-specific safety information.....	3
Compliance	3
Declaration of conformity	4
WEEE.....	4
Contents	5
Welcome.....	6
Important information for using the manual.....	6
Formatting	6
Icons	6
Terms.....	6
Mounting your Mio in a vehicle.....	7
470 Series	7
Enabling Traffic (TMC) Reception.....	7
Getting to know your Mio.....	8
470 Series	8
How do I turn on my Mio?	9
Using the power switch	9
How do I charge the battery?.....	10
How do I charge the battery in a vehicle?	10
How do I charge the battery via my computer?	10
How do I charge the battery at home or work?	10
Reference	11
What is GPS?	11
How does my Mio receive GPS signals?.....	11
Caring for your Mio.....	11
Troubleshooting	12

Welcome

Thank you for purchasing this Mio. Please read this manual carefully before using your Mio for the first time. Keep this manual in a safe place and use as your first point of reference.

Important information for using the manual

It is important to understand the terms and typographical conventions used in this manual.




Formatting

The following formatting in the text identifies special information:

Convention	Type of Information
Bold	Components or items displayed on screen, including buttons, headings, field names and options.
<i>Italics</i>	Indicates the name of a screen.

Icons

The following icons are used throughout this manual:

Icon	Description
	Note
	Tip
	Warning

Terms

The following terms are used throughout this manual to describe user actions.

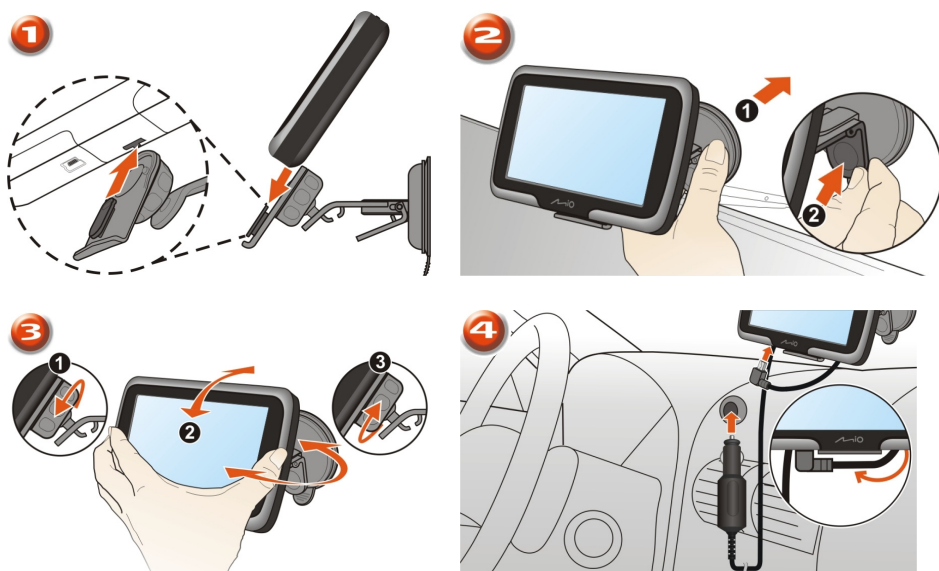
Term	Description
Press	Press and release a button quickly.
Tap	Press and release an item displayed on the touch screen.
Select	Tap an item in a list or tap a command from a menu.

Mounting your Mio in a vehicle

CAUTION:

- Never mount your Mio where the driver's field of vision is blocked.
- If the windscreen is tinted with a reflective coating, it may be athermic and impact the GPS reception. In this instance, please mount your Mio where there is a "clear area" - usually just beneath the rear-view mirror.
- To protect your Mio against sudden surges in current, connect the in-car charger only after the car engine has been started.

470 Series



Enabling Traffic (TMC) Reception

Traffic information is available in selected models and countries only.

Depending on the model of your Mio you can receive live traffic information in one of two ways:

- If your Mio has a built-in TMC receiver, you can receive live traffic information* via the in-car charger which is used as an antenna.
- If your Mio does not have a built-in TMC receiver, you will need to install the TMC accessory kit (may be sold separately - see www.mio.com for details).

For information on using traffic information on your Mio, see the *Software User Manual*.

* Subscription may be required. See www.mio.com for more details.

Getting to know your Mio

470 Series



- ❶ Power switch
- ❷ Speaker
- ❸ Cradle slot
- ❹ Connector for in-car charger, USB cable, home charger (maybe sold separately) and TMC accessory kit (maybe sold separately).
- ❺ Touch screen

How do I turn on my Mio?

Using the power switch



- To turn on your Mio, slide the power switch to the **ON** position.
- To turn off your Mio, slide the power switch to the **OFF** position. Your Mio will enter a suspended state. When you next turn it on, your Mio will return to the Main Menu.
- To reset your Mio, slide the power switch to the **RESET** position. When your Mio has turned off, slide the power switch to the **ON** position.

How do I charge the battery?

Your Mio has an internal battery that when fully charged, should provide power for up to 2 hours. The battery can take up to 4 hours to fully charge.




The battery may not be fully charged when you use your Mio for the first time.

CAUTION: For optimal performance of the battery, note the following:

- Do not charge the battery when the temperature is high (e.g. in direct sunlight).
- There is no need to fully discharge the battery before charging.
- When leaving your Mio for long periods, slide the power switch to the RESET position to save internal battery power.


How do I charge the battery in a vehicle?

To charge your Mio in a vehicle, plug the in-car charger into  on the bottom of your Mio and the other end into the vehicle power socket.

How do I charge the battery via my computer?




For optimal charging results, ensure that your Mio is turned off while connected to your computer.

1. Turn on your computer.
2. Plug the large end of the USB cable directly into a USB port on your computer (not a USB hub) and plug the small end into  on the bottom of your Mio.

CAUTION: When your Mio is turned on and connected to a computer, it is recognized as an external mass-storage device. Do NOT delete any files that are pre-installed on your Mio. Deleting the files can cause your Mio to crash

How do I charge the battery at home or work?

You can use an optional home charger to charge the battery.

To charge your Mio using a mains power socket, plug the home charger cable into  on the bottom of your Mio and the mains power charger into the power socket.



The home charger is not included with all models and may be purchased separately (see www.mio.com for details).

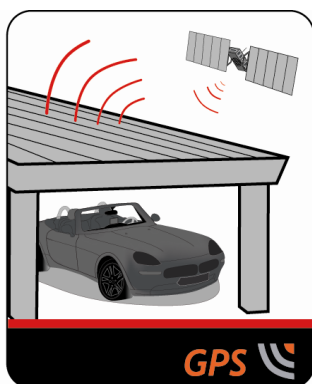
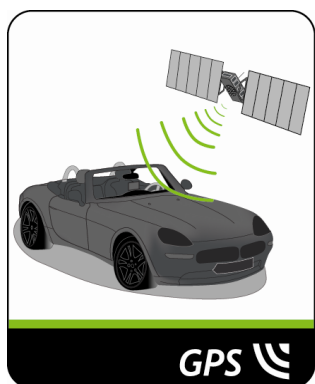
Reference

What is GPS?

The Global Positioning System (GPS) is available at any time, free of charge, and is accurate to within 5m (15ft). GPS navigation is made possible by a network of satellites that orbit the Earth at around 20,200km (12,552mi). Each satellite transmits a range of signals which are utilized by GPS receivers, such as your Mio, to determine an exact location. Although a GPS receiver can detect signals from up to 12 satellites at any time, only four signals are required to provide a position or "GPS fix" (latitude and longitude), for vehicle navigation systems.

How does my Mio receive GPS signals?

Your Mio receives GPS signals via the internal GPS antenna. To guarantee the optimum GPS signal strength, ensure your Mio is outdoors, or in a vehicle outdoors, and has an unobstructed view of the sky. GPS reception is not usually affected by weather, however, very heavy rain or snow may have a negative effect on your reception.



Caring for your Mio

Taking good care of your Mio will ensure trouble-free operation and reduce the risk of damage to your Mio:

- Keep your Mio away from excessive moisture and extreme temperatures.
- Avoid exposing your Mio to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your Mio or drop objects on your Mio.
- Do not drop your Mio or subject it to severe shock.
- Do not subject your Mio to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your Mio. In the event of moisture condensation, allow your Mio to dry out completely before use.
- The screen surface can easily be scratched. Avoid touching it with sharp objects. Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your Mio when it is turned on. Use a soft, lint-free cloth to wipe the screen and the exterior of your Mio.
- Do not use paper towels to clean the screen.

- Never attempt to disassemble, repair or make any modifications to your Mio. Disassembly, modification or any attempt at repair could cause damage to your Mio and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your Mio, its parts or accessories.

Troubleshooting

If you encounter a problem you cannot solve, contact an authorized service centre for assistance.

Problems	Solutions
Your Mio does not turn on when using battery power.	The remaining battery power may be too low to operate your Mio. Charge the battery using the in-car charger, home charger (may be sold separately) or USB cable, then try again.
Screen responds slowly.	The remaining battery power may be too low to operate your Mio. If the problem still persists, reset your Mio.
Screen freezes.	Reset your Mio.
Screen is hard to read.	Increase the screen brightness.
Cannot establish a connection with a computer.	<p>Ensure that your Mio and your computer are both turned on before trying to establish a connection.</p> <p>Make sure that the cable is securely plugged into the USB port on your computer and on your Mio. Connect the USB cable directly to your computer, not a USB hub.</p> <p>Reset your Mio before connecting the USB cable. Always disconnect your Mio before you restart your computer.</p>






Spirit/Navman 570 Series

Hardware User Manual

Important safety information

PLEASE READ CAREFULLY BEFORE INSTALLING PRODUCT IN VEHICLE

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
 WARNING	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
CAUTION	CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.



Removing original equipment, adding accessories or modifying your vehicle could affect the vehicle's safety or make it illegal to operate in some jurisdictions.

Follow all product instructions and all instructions in your vehicle owner's manual regarding accessories or modifications.

Consult your country's and/or state's laws regarding operation of a vehicle with any accessories or modifications.

It is your sole responsibility to place, secure and use your Mio in a manner that will not cause accidents, personal injury or property damage. Always observe safe driving practices.

Do not mount your Mio in a way that may interfere with the safe operation of the vehicle, the deployment of air bags or other safety equipment.

Do not operate your Mio while driving.

Before you use your Mio for the first time, familiarize yourself with your device and its operation.

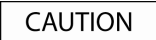
On main roads, the distance to an exit calculated by your Mio may be further than the distance shown on road signs. Road signs show the distance to the start of an exit while your Mio shows the distance to the next intersection, i.e., the end of the exit ramp or road. To prepare to exit a road, always follow distance information on road signs.

The use of information regarding safety or speed camera locations may be subject to local laws in the country of use. You are responsible for checking that you can legally use the information in your country or in the country where the information will be used.



Do not handle your Mio while it is hot. Let the product cool, out of direct sunlight.

At full power, prolonged listening to your Mio via headphones or earphones can damage the ear of the user.



Do not expose your Mio to direct sunlight in an unattended vehicle for prolonged periods. Overheating may damage the unit.

To discourage theft, do not leave your Mio, mounting bracket or any cables in plain view in an unattended vehicle.

Warning Notice to Drivers in the United States

State law may prohibit drivers in states such as Arizona, California and Minnesota from mounting objects on their windshields while driving. Please make sure you research and follow your most current State laws. An alternative mounting option may be provided in the box with your product; or see our website for additional mounting alternatives. Mio does not take any responsibility for any fines, penalties, or damages that may be incurred as a result of disregarding this notice.

Home charger-specific safety information



To charge your Mio from the mains power, use the home charger (Model: MII050100; Input: 100-240V AC 50-60Hz; Output: 5V DC 1A Max) supplied by Mio as an accessory (may be sold separately). Using other home chargers with your Mio could result in serious injury or property damage.

Never use the charger if the plug or cord is damaged.

Do not expose the charger to moisture or water. Do not use the charger in a high moisture environment. Exposure to water may cause electrical sparks or fires.

Never touch the charger when your hands or feet are wet.

Allow adequate ventilation around the charger when using it to operate your Mio or charge the internal battery. Do not cover the charger with paper or other objects that will reduce ventilation. Do not use the charger while it is inside a carrying case or other container.

Ensure that the charger is connected to a power source with the correct fitting and voltage requirements. The voltage requirements can be found on the home charger casing and/or packaging.

Do not attempt to service the charger as this could result in personal injury. Replace the charger if it is damaged or exposed to excess moisture.

Internal battery-specific safety information



Your Mio contains a non-replaceable internal lithium-ion polymer battery. The battery may burst or explode if mishandled, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush or puncture the battery.

Recycle or dispose of the battery safely and properly according to local laws and regulations. Do not dispose of the battery in fire or water.




Only use the correct home charger (may be sold separately) or in-car charger supplied by Mio to charge your Mio internal battery.

Only use your Mio internal battery with your Mio unit.


The Mio battery will stop charging when the ambient temperature is less than 0°C (32°F) or more than 45°C (113°F).

Failure to adhere to these warnings and cautions may lead to death, serious injury or property damage. Mio disclaims all liability for installation or use of your Mio that causes or contributes to death, injury or property damage or that violates any law.

Compliance



WARNING This product, its packaging and its components contain chemicals known to the State of California to cause cancer, birth defects or reproductive harm. This Notice is being provided in accordance with California's Proposition 65.

-  For regulatory identification purposes:
- Mio Spirit/Navman 570 Series is assigned a model number of N224.

Marking labels located on the exterior of your Mio indicate the regulations that your model complies with. Please check the marking labels on your Mio and refer to the corresponding statements in this chapter. Some notices apply to specific models only.



Products with the CE marking comply with Radio & Telecommunication Terminal Equipment Directive (R&TTE) (1999/5/EC), the Electromagnetic Compatibility Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) - issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Standards:

EN 301 489-1: Electronic compatibility and Radio spectrum Matters (ERM), Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.

EN 301 489-17: Electronic compatibility and Radio spectrum Matters (ERM), Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment.

EN 55022: Radio disturbance characteristics

EN 55024: Immunity characteristics

EN 61000-3-2: Limits for harmonic current emissions

EN 61000-3-3: Limitation of voltage fluctuation and flicker in low-voltage supply system

IEC 60950-1:2001: Product Safety

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

Declaration of conformity

Hereby, Mio Technology declares that this N224 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

WEEE



This product must not be disposed of as normal household waste, in accordance with the EU directive for waste electrical and electronic equipment (WEEE - 2002/96/EC). Instead, it should be disposed of by returning it to the point of sale, or to a municipal recycling collection point.

Contents

Important safety information	2
Home charger-specific safety information.....	3
Internal battery-specific safety information.....	3
Compliance	3
Declaration of conformity	4
WEEE.....	4
Contents	5
Welcome.....	6
Important information for using the manual.....	6
Formatting	6
Icons	6
Terms.....	6
Mounting your Mio in a vehicle.....	7
570 Series	7
Enabling Traffic (TMC) Reception.....	7
Getting to know your Mio.....	8
570 Series	8
How do I turn on my Mio?	9
Using the power switch	9
How do I charge the battery?.....	10
How do I charge the battery in a vehicle?	10
How do I charge the battery via my computer?	10
How do I charge the battery at home or work?	10
How do I insert a memory card?	11
Reference	12
What is GPS?	12
How does my Mio receive GPS signals?.....	12
Caring for your Mio.....	12
Troubleshooting	13

Welcome

Thank you for purchasing this Mio. Please read this manual carefully before using your Mio for the first time. Keep this manual in a safe place and use as your first point of reference.

Important information for using the manual

It is important to understand the terms and typographical conventions used in this manual.




Formatting

The following formatting in the text identifies special information:

Convention	Type of Information
Bold	Components or items displayed on screen, including buttons, headings, field names and options.
<i>Italics</i>	Indicates the name of a screen.

Icons

The following icons are used throughout this manual:

Icon	Description
	Note
	Tip
	Warning

Terms

The following terms are used throughout this manual to describe user actions.

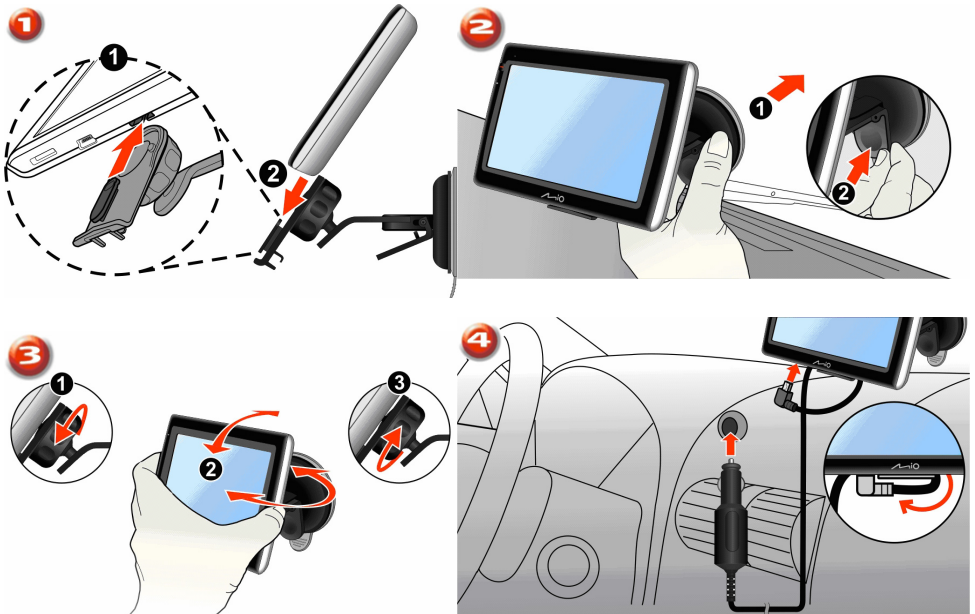
Term	Description
Press	Press and release a button quickly.
Tap	Press and release an item displayed on the touch screen.
Select	Tap an item in a list or tap a command from a menu.

Mounting your Mio in a vehicle

CAUTION:

- Never mount your Mio where the driver's field of vision is blocked.
- If the windscreen is tinted with a reflective coating, it may be athermic and impact the GPS reception. In this instance, please mount your Mio where there is a "clear area" - usually just beneath the rear-view mirror.
- To protect your Mio against sudden surges in current, connect the in-car charger only after the car engine has been started.

570 Series



Enabling Traffic (TMC) Reception

Traffic information is available in selected models and countries only.

Depending on the model of your Mio you can receive live traffic information in one of two ways:

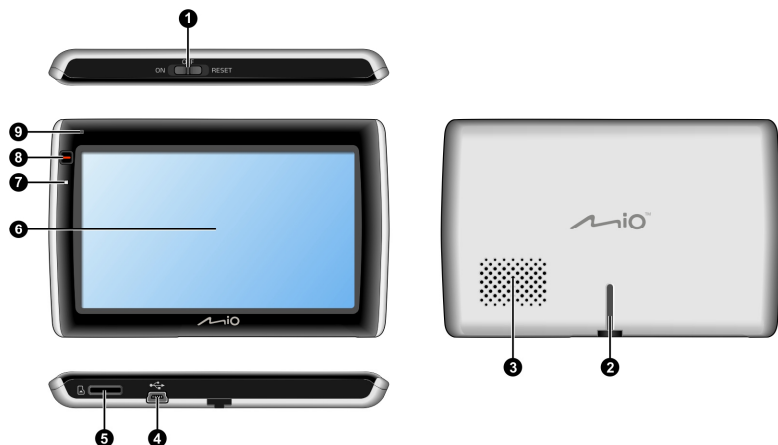
- If your Mio has a built-in TMC receiver, you can receive live traffic information* via the in-car charger which is used as an antenna.
- If your Mio does not have a built-in TMC receiver, you will need to install the TMC accessory kit (may be sold separately - see www.mio.com for details).

For information on using traffic information on your Mio, see the *Software User Manual*.

* Subscription may be required. See www.mio.com for more details.

Getting to know your Mio

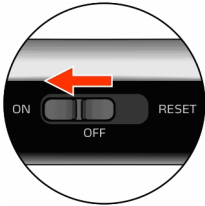
570 Series



- ❶ Power switch
- ❷ Cradle slot
- ❸ Speaker
- ❹ Connector for in-car charger, USB cable, home charger (may be sold separately) and TMC accessory kit (may be sold separately).
- ❺ Slot for MicroSD memory card
- ❻ Touch screen
- ❼ Battery indicator
- ❽ Main Menu button
- ❾ Microphone (not on all models)

How do I turn on my Mio?

Using the power switch



- To turn on your Mio, slide the power switch to the **ON** position.
- To turn off your Mio, slide the power switch to the **OFF** position. Your Mio will enter a suspended state. When you next turn it on, your Mio will return to the Main Menu.
- To reset your Mio, slide the power switch to the **RESET** position. When your Mio has turned off, slide the power switch to the **ON** position.

How do I charge the battery?

Your Mio has an internal battery that when fully charged, should provide power for up to 2 hours. The battery can take up to 4 hours to fully charge.



The battery may not be fully charged when you use your Mio for the first time.


CAUTION: For optimal performance of the battery, note the following:

- Do not charge the battery when the temperature is high (e.g. in direct sunlight).
- There is no need to fully discharge the battery before charging.
- When leaving your Mio for long periods, slide the power switch to the RESET position to save internal battery power.

The battery indicator light on your Mio indicates the level of internal battery charge:

- **Green** - battery full
- **Orange** - battery charging


How do I charge the battery in a vehicle?

To charge your Mio in a vehicle, plug the in-car charger into  on the bottom of your Mio and the other end into the vehicle power socket.

How do I charge the battery via my computer?




For optimal charging results, ensure that your Mio is turned off while connected to your computer.

1. Turn on your computer.
2. Plug the large end of the USB cable directly into a USB port on your computer (not a USB hub) and plug the small end into  on the bottom of your Mio.

CAUTION: When your Mio is turned on and connected to a computer, it is recognized as an external mass-storage device. Do NOT delete any files that are pre-installed on your Mio. Deleting the files can cause your Mio to crash

How do I charge the battery at home or work?

You can use an optional home charger to charge the battery.

To charge your Mio using a mains power socket, plug the home charger cable into  on the bottom of your Mio and the mains power charger into the power socket.



The home charger is not included with all models and may be purchased separately (see www.mio.com for details).

How do I insert a memory card?

CAUTION: Do not apply pressure to the centre of the memory card.



Hold the MicroSD card by the edges and gently insert it into the slot as shown in the above diagram of your Mio.

- To remove a card, gently push the top edge of the card inwards to release it, then pull it out of the slot.

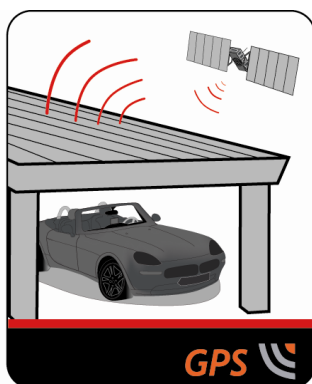
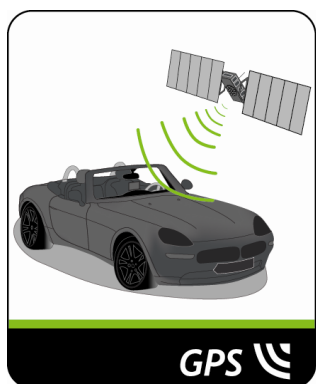
Reference

What is GPS?

The Global Positioning System (GPS) is available at any time, free of charge, and is accurate to within 5m (15ft). GPS navigation is made possible by a network of satellites that orbit the Earth at around 20,200km (12,552mi). Each satellite transmits a range of signals which are utilized by GPS receivers, such as your Mio, to determine an exact location. Although a GPS receiver can detect signals from up to 12 satellites at any time, only four signals are required to provide a position or "GPS fix" (latitude and longitude), for vehicle navigation systems.

How does my Mio receive GPS signals?

Your Mio receives GPS signals via the internal GPS antenna. To guarantee the optimum GPS signal strength, ensure your Mio is outdoors, or in a vehicle outdoors, and has an unobstructed view of the sky. GPS reception is not usually affected by weather, however, very heavy rain or snow may have a negative effect on your reception.



Caring for your Mio

Taking good care of your Mio will ensure trouble-free operation and reduce the risk of damage to your Mio:

- Keep your Mio away from excessive moisture and extreme temperatures.
- Avoid exposing your Mio to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your Mio or drop objects on your Mio.
- Do not drop your Mio or subject it to severe shock.
- Do not subject your Mio to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your Mio. In the event of moisture condensation, allow your Mio to dry out completely before use.
- The screen surface can easily be scratched. Avoid touching it with sharp objects. Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your Mio when it is turned on. Use a soft, lint-free cloth to wipe the screen and the exterior of your Mio.
- Do not use paper towels to clean the screen.

- Never attempt to disassemble, repair or make any modifications to your Mio. Disassembly, modification or any attempt at repair could cause damage to your Mio and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your Mio, its parts or accessories.

Troubleshooting

If you encounter a problem you cannot solve, contact an authorized service centre for assistance.

Problems	Solutions
Your Mio does not turn on when using battery power.	The remaining battery power may be too low to operate your Mio. Charge the battery using the in-car charger, home charger (may be sold separately) or USB cable, then try again.
Screen responds slowly.	The remaining battery power may be too low to operate your Mio. If the problem still persists, reset your Mio.
Screen freezes.	Reset your Mio.
Screen is hard to read.	Increase the screen brightness.
Cannot establish a connection with a computer.	Ensure that your Mio and your computer are both turned on before trying to establish a connection. Make sure that the cable is securely plugged into the USB port on your computer and on your Mio. Connect the USB cable directly to your computer, not a USB hub. Reset your Mio before connecting the USB cable. Always disconnect your Mio before you restart your computer.



Spirit/Navman Series

Software User Manual

Contents

- Contents 2
- Welcome..... 4
- How do I use the touch screen? 5
 - Navigating on the screen 5
- How do I get started? 6
- Main Menu 7
 - How do I navigate through the menu screens? 7
- How do I go from A-B? 9
 - How do I plan my first trip? 9
 - How do I preview the destination on map? 10
- How do I view my route? 11
 - The driving map..... 11
 - How do I view my route statistics? 12
 - How do I adjust the volume? 12
 - How do I zoom in/out the map? 13
 - What if I miss a turn? 13
 - IQ Routes™ and LearnMe™..... 14
- How do I search for a POI by type? 15
- How do I search for a POI by keyword? 17
- How do I receive current traffic information via TMC? 18
 - How will I know when a Traffic Event occurs? 18
 - Traffic Overview screen 18
 - Traffic messages 21
- My Places 22
 - How do I save a location as My Place or Home? 22
 - How do I navigate to a location I have saved? 22
 - How do I navigate to Home? 23
 - How do I navigate to a recent place? 23
 - How do I edit the name of a location in My Places? 24
 - How do I delete a saved location? 24
- What is NEAR ME? 25
 - How do I search for a POI using NEAR ME? 25
- What can I customise? 27
 - Audio..... 27
 - Screen 28
 - Safety..... 28
 - Maps..... 29
 - Route options 30
 - Language 30

Units.....	31
Device	31
Demo	32
Help.....	33
Point of Interest categories	34
Traffic and other TMC Events	37
What is MioMore Desktop?	38
How do I install MioMore Desktop onto my computer?.....	38
MioMore Desktop Menu.....	40
My Maps.....	41
My Extras	44
My Voices	45
Unlock Features.....	46
Language.....	46
Help.....	47
Troubleshooting	47
For more information.....	48
Online support.....	48
Mio Advantage.....	48
Speed Limit.....	48
Safety Camera POIs	48
Disclaimer	48
Copyright	49

Welcome

Thank you for purchasing this Mio. This manual has been prepared to guide you through the operation of your Mio from first set-up through to continuous use. Please read this manual carefully before using your Mio for the first time. Keep this manual in a safe place and use as your first point of reference.

Important information for using the manual

It is important to understand the terms and typographical conventions used in this manual.




Formatting

The following kinds of formatting in the text identify special information:

Convention	Type of Information
Bold	Mio components or items displayed on screen, including buttons, headings, field names and options.
<i>Italics</i>	Indicates the name of a screen.

Icons

The following icons are used throughout this manual:

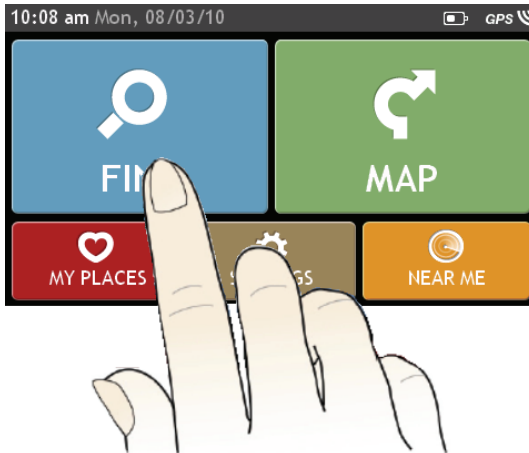
Icon	Description
	Note
	Tip
	Warning

How do I use the touch screen?

Navigating on the screen

To operate your Mio, touch the screen with your fingertip. You can perform the following actions:

- **Tap**
Press and release an item displayed on the touch screen.
- **Select**
Tap an item in a list or tap a command from a menu.



How do I get started?



The first time you use your Mio it may take several minutes to establish a GPS connection.

How do I turn my Mio on for the first time?

To get started for the first time, complete the following steps:

1. **Read the Important Safety Information**

2. **Position your Mio in your vehicle**

Follow the instructions in the *Quick Start Guide*.

CAUTION Ensure that your Mio does not obstruct the driver's view, or interfere with the operation of the vehicle airbags and safety devices.

3. **Turn your Mio on**

Your Mio will turn on and display the *Language* screen.

4. **Select your preferred language**

From the *Select Language* screen, tap your preferred language.

- You can change your preferred language while using your Mio.

5. **Read the warning message**

The *Safety Agreement* screen will display after you have selected your preferred language. Read the Safety Agreement message. To confirm that you have read and understood the message, tap **Accept**.

6. **Customize the device**

Follow the onscreen instructions to select your preferred distance unit, date format, and time format.

7. **Unlock your Mio**

Depending on your model, you may need to enter a Product Key (which is printed on the side of the box) and then tap **OK** to unlock the device. You will only have to do this the first time you use your Mio.



It is recommended that you keep a copy of the Product Key in a safe place.

8. **Set up Home**

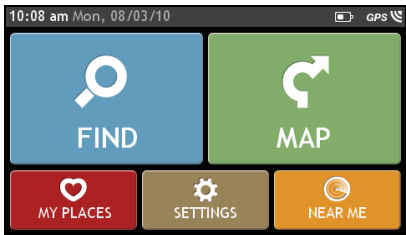
The Home setup wizard only appears on the first time you start your Mio.






- Tap **OK** to set up your home immediately using the address-entry wizard.
- You can tap **Cancel** to skip the wizard, and then select you home later in MY PLACES.

When you have finished the steps above, the *Main Menu* screen will display. If you have a GPS fix, you can start to use Mio to plan your trip.

Main Menu


The Main Menu is your starting point for searching for a destination. The Main Menu also allows you to customise your Mio, view saved locations as My Place/Home, and search for POIs nearby.

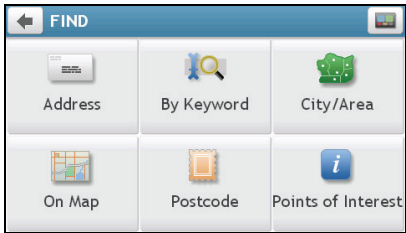




	Search for places, areas and streets to help plan your route.
	Display the <i>Map</i> screen.
	Access your saved locations.
	Configure your Mio to enhance your navigation experience.
	Search for Points of Interest nearby.


How do I navigate through the menu screens?

How do I use the **BACK** button and **MAIN MENU** button in the title bar?

1. On the *Main Menu* screen, tap the desired menu button to enter the menu screen.
For example, tapping  will lead you to the *FIND* main screen.



2. The system provides the **BACK** button () and **MAIN MENU** button () in the title bar of the menu screen, which allow you to navigate through the menu screens easily. You can:
 - Return to the previous screen by tapping the **BACK** button.
 - Return to the Main Menu by tapping the **MAIN MENU** button.

 In some menu screens, such as the Keyboard screen, the **MAIN MENU** button will not appear in the title bar. In this instance, you may have to tap the **BACK** button twice.

How do I use the tabs in the title bar?






In some menu screens, such as the map *Overview* screen, the system provides the tab buttons that allow you to enter the additional page in the menu screen. Simply tap the desired tab to change the view.




 The selected tab will be highlighted as a darker-colour tab.

How do I go from A-B?

Your Mio is equipped with maps that provide street-level detail for door-to-door navigation, including Points of Interest such as accommodation, parking areas, petrol stations, railway stations and airports.

When you ...	Then ...
need to search for an address	tap  then select Address to search for the address.
want to search all information on the device - city, streets, named sites, features, landmarks or venues	tap  then select By Keyword .
search for a Point of Interest	tap  then select Points of Interest to search for a POI.
want to navigate to a recently visited location	tap  then select the Recent Locations tab ().

**WARNING** For your safety, enter destination information before you start a journey. Do not enter a destination while driving.

How do I plan my first trip?

Using your Mio to plan your first trip is easy. There are several ways to select your destination. Complete the following to navigate to a street address that you know using the FIND address wizard.



10:08 am Mon, 08/03/10 GPS

FIND MAP

MY PLACES SETTINGS HEAR ME

→



FIND

Address By Keyword City/Area

On Map Postcode Points of Interest

→



Poynings, East Sussex/West Sussex

a b c d e f g

h i j k l m n

o p q r s t u

v w x y z

123 List **OK**

→



Fabians Way

a b c d e f g

h i j k l m n

o p q r s t u

v w x y z

123 List **OK**

→



2

1 2 3

4 5 6

7 8 9

- 0

Centre of Street **OK**

→



Destination

25 Fabians Way

Henfield

West Sussex


BN5 9PT



United Kingdom

Show on map





31.3 mi / 36 min

Save GO

 When it is the first time you use FIND wizard, the Select Country screen will appear before the FIND main screen. Select your country and then you can start searching location.

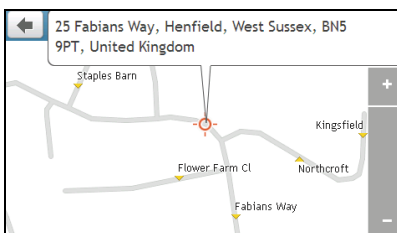
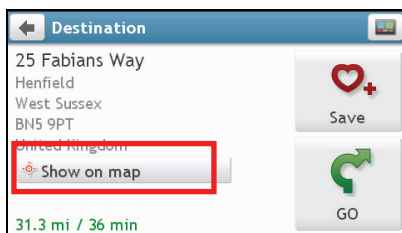
 If needed, you can change the country to search location. To select the other country, tap the National Flag button (e.g. ) in the title bar of the Keyboard screen before you search the city.

Complete the following:

If you want to ...	Then ...
calculate the route and start navigating	<ul style="list-style-type: none"> tap  The <i>Map</i> screen will display.
save the location as a favourite	<ul style="list-style-type: none"> tap  The location will be saved in My Places immediately.
save the location as Home	<ul style="list-style-type: none"> tap  →  The <i>Edit</i> screen will display. tap Save as Home.
explore the map	<ul style="list-style-type: none"> tap Show on map.



How do I preview the destination on map?

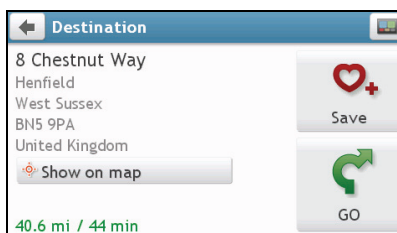
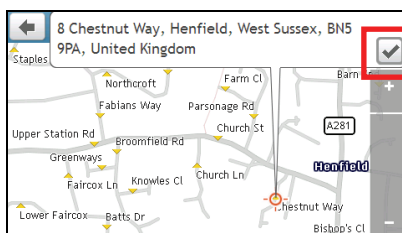
After searching an address (or a POI), you can preview the destination on map to explore the area near the location. On the *Destination* screen, tap the **Show on map** button to display the destination preview map as below.



How do I explore the map?

On the destination preview map, you can:

- Tap the  /  button to zoom in/out the map.
- View the information of your destination that is shown at the top of the map screen.
- Tap on a street/area/POI to display the related information of the location near your destination.
- The information of the selected street/area/POI near your destination will be displayed with a check mark. Tapping the check mark will bring up the *Destination* screen of the selected location.



How do I view my route?

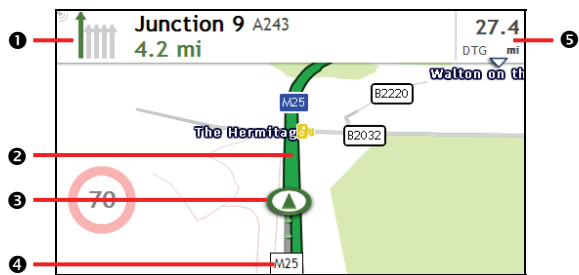
The driving map



When a route has been calculated, the *Map* screen will display. You will be directed to your destination by spoken and visual instructions.

 The driving map will be displayed automatically when:

- a route is calculated.
- the device is reset and the user is on a route.

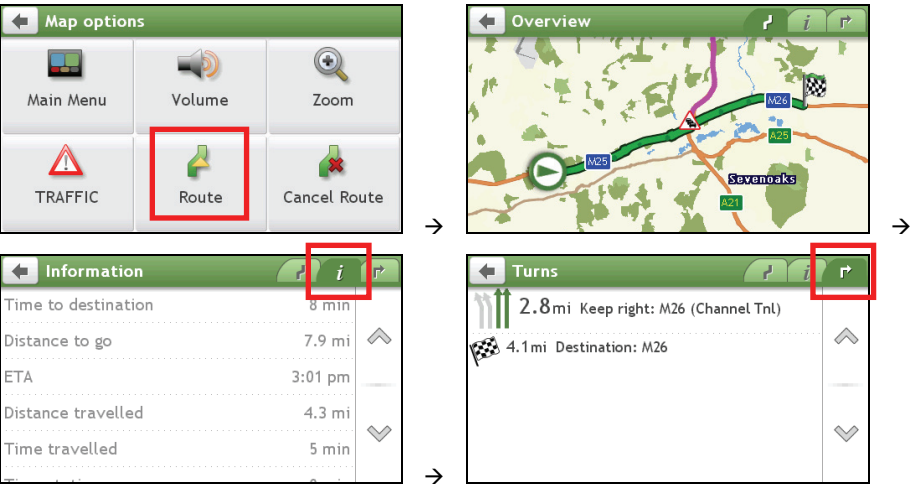
Alternately, you can access the map screen manually by tapping the MAP button on the Main Menu.



	Item	Description
❶	Direction and distance of next turn	The direction and distance to your next turn. <ul style="list-style-type: none">▪ Tap  to repeat the vocal instruction.
❷	Current route	Your current route is highlighted.
❸	Current position	Your current position is marked with  .
❹	Address bar	The current address will be displayed in the text box at the bottom of the map screen.
❺	Distance and time information	Tap to expand and select the following options: <ul style="list-style-type: none">▪ DTG (Distance to Go)▪ TTG (Time to Go)▪ km/h or mph (speed) and compass heading▪ ETA (Estimated Time of Arrival)▪ Time


How do I view my route statistics?

Tap anywhere on the *Map* screen to bring up the *Map options* screen. Tap the Route button to view the route statistics.




Your Mio provides information on your:

- distance to go
- estimated time of arrival
- distance travelled
- average speed
- maximum speed
- time taken for trip
- stationary time.






 Tap the tabs in the title bar to view the additional information in the different screens.


How do I adjust the volume?

From the *Map options* screen, tap . The volume buttons will be displayed on the map screen in translucent mode.




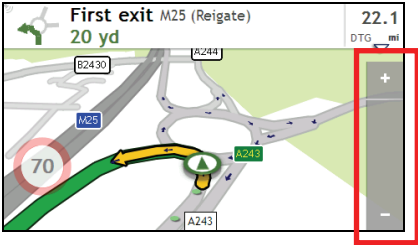
Complete the following:

If you want to ...	Then ...
increase the volume	tap  <ul style="list-style-type: none">The volume bar indicates the current volume level.
decrease the volume	tap  <ul style="list-style-type: none">The volume bar indicates the current volume level.
mute or unmute	tap  <ul style="list-style-type: none">The speaker icon indicates the status:  : muted  : unmuted



 The volume buttons will automatically disappear after the map is idled for 5 seconds.


How do I zoom in/out the map?

From the *Map options* screen, tap . The zoom buttons will be displayed on the map screen in translucent mode.



Complete the following:


If you want to ...	Then ...
zoom in the map	tap and hold  .
zoom out the map	tap and hold  .

 The zoom buttons will automatically disappear after the map is idled for 5 seconds.

What if I miss a turn?

Back-On-Track™ Automatic Rerouting

You will be redirected if you make a wrong turn. A message informing you that your route is being re-calculated will display at the top of the screen.

To cancel a route re-calculation, tap  on the *Map options* screen. A warning will display asking you to confirm the cancellation. If confirmed, both the re-calculation and your current route will be cancelled.

IQ Routes™ and LearnMe™

Your Mio features IQ Routes, which intelligently anticipates congested roads at peak times so that they can be avoided. Your Mio does this by using historical, anomalised data from millions of fellow drivers. Since IQ Routes helps you automatically avoid predicted heavy congestion, you will be able to save time and money during your journeys.

With LearnMe technology, your Mio includes an intelligent capability that learns and adapts to your personal driving style. Over time, your Mio learns your preference for road types and driving speeds, turns and more. Your Mio will save the information and provide a more personalised route and accurate time of arrival the next time you plan a trip.



When you restore factory defaults, your LearnMe profile will be cleared from the device.

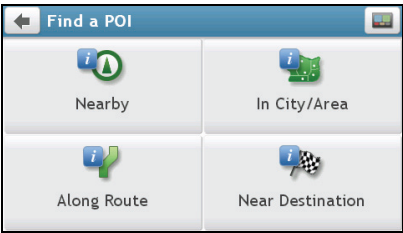
How do I search for a POI by type?

A POI (Point of Interest) is a named site, feature, landmark or public venue which can be displayed as an icon on the map. POIs are grouped by category, such as petrol stations, parks, beaches and museums.

1. Tap .

2. Tap .




The *POI Menu* screen will display.




3. Complete the following:

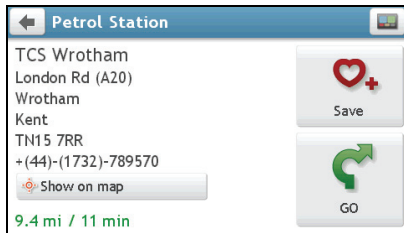
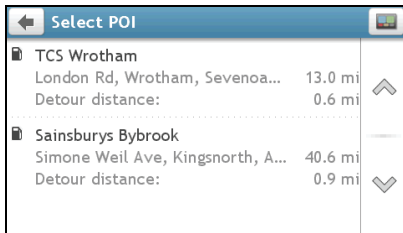
If you want to ...	Then ...
search for the POIs near your current location	tap Nearby . The <i>POI Type Selection</i> screen will display.
search for the POIs in a specified city or area	<ul style="list-style-type: none">tap In City/Area. The <i>Keyboard</i> screen will display.after you have entered a name of a city/area, tap OK. The <i>POI Type Selection</i> screen will display.
search for the POIs on your route	tap Along Route . The <i>POI Type Selection</i> screen will display.
search for the POIs near your destination	tap Near Destination . The <i>POI Type Selection</i> screen will display.

4. Complete the following:



If you want to ...	Then ...
search for POIs by keyword	<ul style="list-style-type: none">tap By Name. The <i>Keyboard</i> screen will display.after you have entered a keyword, tap OK. The <i>POI List</i> screen will display.
search for petrol stations	tap  . The <i>POI List</i> screen will display.
search for parking places	tap  . The <i>POI List</i> screen will display.
search for banks and ATMs	tap  . The <i>POI List</i> screen will display.

If you want to ...	Then ...
search for emergency services	tap  . The <i>POI List</i> screen will display.
view more POI types	<ul style="list-style-type: none"> tap By Type. The <i>POI Type List</i> screen will display. select a POI type. The <i>POI List</i> screen will display.

5. Tap the desired item from the list.



6. Complete the following:

If you want to ...	Then ...
calculate the route and start navigating	tap  . The <i>Map</i> screen will display.
save the location as a favourite	tap  . The location will be saved in My Places immediately.
view the POI location on the map	tap Show on map . The <i>Preview</i> screen will display.

How do I search for a POI by keyword?

Complete the following to navigate to a POI that you find by keyword.

Tap 

← FIND

Address

By Keyword

City/Area

On Map

Postcode

Points of Interest

→

← Tower

q w e r t y u i o p
a s d f g h j k l
_ z x c v b n m <x>
123

OK ✓

→

← Select Result

Tower Rd, Banstead, Reigate and Banstead

Tower Gr, West Molesey, Weybridge

Tower Hill Rise, Gomshall, Guildford

Tower Rise, Richmond, Richmond

Tower Hl, Dorking, Dorking

→

← 9

1 2 3
4 5 6
7 8 9
- 0 <x>
⊕ Centre of Street

OK ✓

→

← Destination



9 Tower Hill Rise
Gomshall
Surrey
GU5 9NA
United Kingdom
Show on map

Save

GO

21.0 mi / 33 min

Complete the following:

If you want to ...	Then ...
calculate the route and start navigating	tap  . The <i>Map</i> screen will display.
save the location as a favourite	tap  . The location will be saved in My Places immediately.
view the location on the map	tap Show on map . The <i>Preview</i> screen will display.

17

How do I receive current traffic information via TMC?

Traffic information is available in selected models and countries only.

Your Mio can receive current traffic information for all main roads and motorways, enabling you to avoid potential delays on your route. Event messages and traffic icons will display as they occur. If an event message obscures your current location, the map will adjust to display both the message and your location.

How does my Mio receive traffic information?

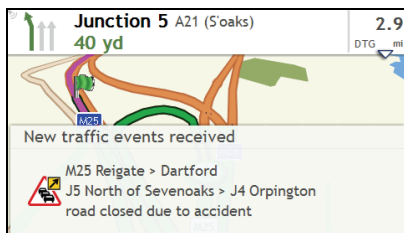
Depending on your model, you may receive current traffic information on your Mio using the built-in TMC receiver or via the Mio traffic accessory kit. The traffic accessory kit may be sold separately.

The Traffic Message Channel (TMC) broadcasts real-time traffic information via the FM Radio Data System (RDS). FM radio stations transmit TMC data on a cycle of several minutes, with hundreds of events able to be broadcast to TMC receivers.

You have to pay for TMC service in some models and in some countries.


How will I know when a Traffic Event occurs?

When travelling through an area in which you can receive traffic updates, your Mio will decode these events and display them on-screen. An icon will display at the event location on the map screens, and an audible warning is given if an event is on your route. Where an event spans a specific distance, the road will be highlighted and arrows will indicate the direction affected.



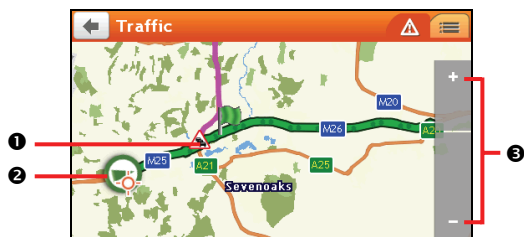
A message will display at the bottom of the screen with the road name, the section of road affected and the type of event that has occurred. The message remains on screen for 8 seconds and is added to the *Event List*.





Traffic Overview screen

 Depending on your Mio model, traffic information may not be available, may require a subscription, or may require the Traffic Accessory Kit (may be sold separately).

When you see the traffic event message on your driving map screen, you can open the *Traffic Overview* screen to display a general overview of the traffic situation on your route, including all events in the immediate vicinity.

Tap on the driving map to bring up the *Map options* screen, and then tap .

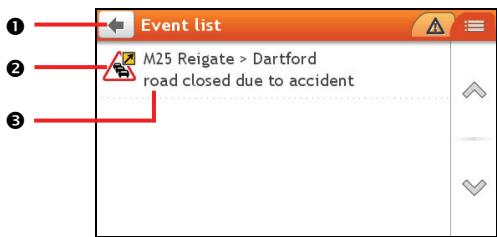



	Item	Description
❶	Event icon	Displays icon to indicate type of event.
❷	Current position	Your current position is marked with  .
❸		To zoom in or out, tap and hold  or  .

How do I view a list of all events on my route?

Your Mio creates a list of events as they are received, which is displayed on the *Event List* screen.

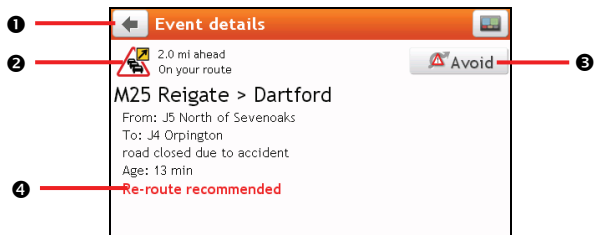
From the *Traffic Overview* screen, tap .



	Item	Description
❶		Tap to return to the previous screen.
❷	Event icon	Displays an icon to indicate type of event.
❸	Event description	Displays details of the Event, including: <ul style="list-style-type: none">▪ Name of road and direction in which Event is taking place.▪ Location of where Event begins and ends.<ul style="list-style-type: none">○ > indicates an Event from a location, to a location.○ < > indicates an Event between locations.▪ Type of Event.

How do I view traffic details?

From the *Event list* screen, tap the event you want to view. The *Event Details* screen will display.



	Item	Description
1		Tap to return to the previous screen.
2	Event icon and description	Displays details of the Event, including: <ul style="list-style-type: none">Name of road and direction in which Event is taking place.Location of where Event begins and ends.<ul style="list-style-type: none">> indicates an Event from a location, to a location.< > indicates an Event between locations.Type of Event.
3	Avoid	Tap to initiate a new route to avoid the event. Only available if a detour or re-route is available. The Unavoid Area button is displayed when a re-route has been calculated.
4	Detour information	Displays details of detour recommendation, if any.

How do I know if a detour is recommended?

When a Traffic or Clearance event occurs on your route, a detour will often be recommended. The detour event message will display in the status bar on map screens.

Detours are only recommended for Traffic or Clearance Events on a calculated route.

How do I avoid an event on my route?

- From the *Event List* screen, tap the event.
The *Event Details* screen will display.
- If a detour has been calculated to avoid an event on your route, **Avoid** is available; tap to accept the new route and avoid the event.
The *Map* screen will display.

Traffic messages

The *Event Details* screen displays detour status information.


Detour Not Available messages

If a detour is not available, one of the following messages will display:

Message	Description
This Event is not locatable This clearance is not locatable	A specific location for the Event cannot be identified.
This Event does not affect your route This clearance does not affect your route	The Event is not on the current leg of your journey, or is behind your current position.
You are avoiding this Event You have accepted this clearance	The Event is not on the current leg of your journey.
You are too distant to re-route You are too distant to accept this clearance	The Event is currently too distant to affect your journey.
Detour not found Clearance route not found	A detour / re-route could not be calculated.

Detour Recommended messages

If a detour is recommended, one of the following messages will display:

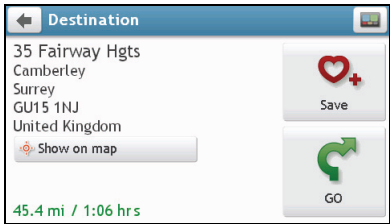
Message	Description
Finding detour.... Recalculating route.....	Your Mio is calculating a new route. During calculation, the % complete will display.  Exiting this screen before the new route is calculated will cancel the operation.
Detour distance..... Clearance change	A detour has been calculated. The difference between the distance of your current route and the proposed route is displayed.


My Places

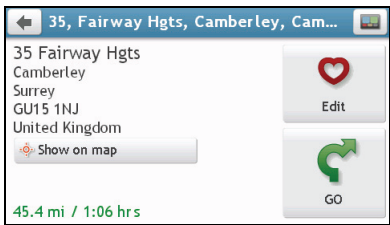
My Places has all your saved locations.


How do I save a location as My Place or Home?


- 1. Search for an address until the *Preview* screen is displayed.




- 2. Tap . The *Save* screen will display. The location has been added to My Places.

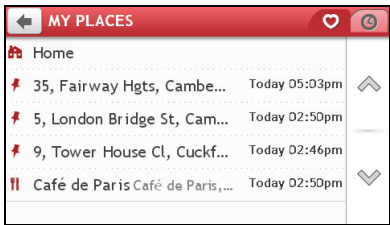


- 3. To save the location as Home, tap . The *Edit* screen will display.

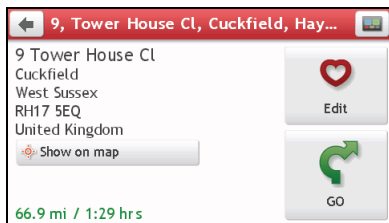
Tap . The location has been set as Home.


How do I navigate to a location I have saved?

- 1. Tap . The *My Places* screen will display.





2. Tap the favourite destination you want to travel to.
The *Preview* screen will display.

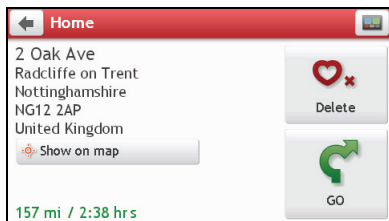



3. Tap .
Your Mio will calculate the route from your current location. The *Map* screen will display.

How do I navigate to Home?

If you have not set an address as Home, the first time you try to navigate to Home you will be prompted to search for an address using the address-entry wizard.



1. Tap .
The *My Places* screen will display.
2. Tap **Home** ().
The *Preview* screen will display.

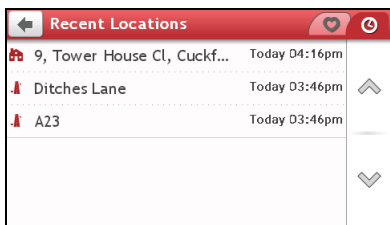


3. Tap .
Your Mio will calculate the route from your current location. The *Map* screen will display.

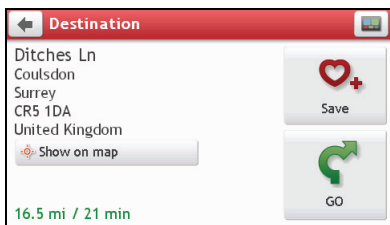
How do I navigate to a recent place?


To make navigating to an address easier, your Mio will automatically save all your start locations and destinations in a list of recent places.

1. Tap .
The *My Places* screen will display.
2. Tap .
The *Recent Locations* screen will display.






3. Tap a recent place.
The *Preview* screen will display.






4. Tap .
Your Mio will calculate the route from your current location. The *Map* screen will display.

How do I edit the name of a location in *My Places*?

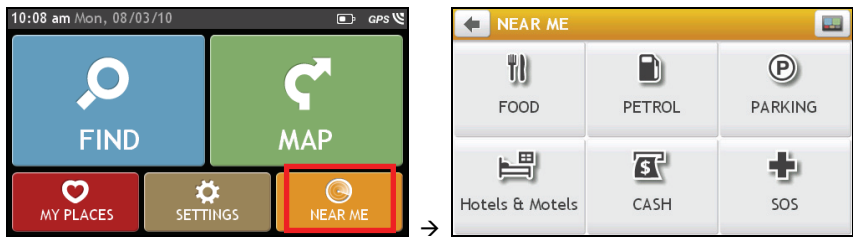
1. Tap .
The *My Places* screen will display.
2. Select a location to edit.
The *Preview* screen will display.
3. Tap .
The *Edit* screen will display.
4. Tap .
The *Keyboard* screen will display.
5. After you have edited the name, tap **OK**.







How do I delete a saved location?

1. Tap .
The *My Places* screen will display.
2. Select the location you would like to delete.
The *Preview* screen will display.
3. Tap .
The *Edit* screen will display.
4. Tap .
The location is deleted.


What is NEAR ME?

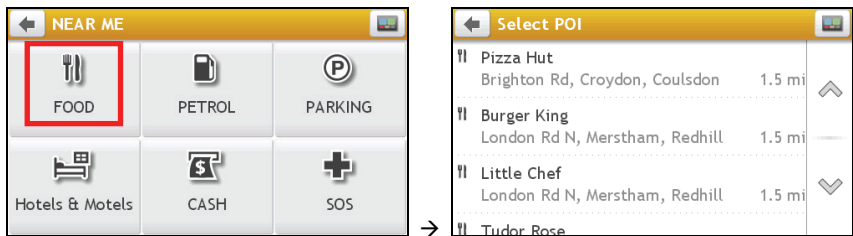
NEAR ME services allows you to quickly search the local area for common types of important POIs.



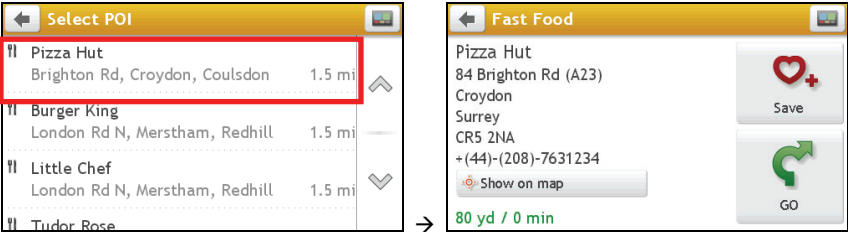
-  Search for the nearest restaurants, cafes, fast-food premises and other dining establishments.
-  Search for the nearest petrol stations.
-  Search for the nearest parking places.
-  Search for the nearest emergency services, including hospitals and police.
-  Search for the nearest banks and ATMs.
-  Search for the nearest hotels and motels.

How do I search for a POI using NEAR ME?





1. Tap .
2. Select the desired POI category (for example ,FOOD). The search result will be listed in the *Select POI* screen.



3. Tap  or  to scroll up or down the list. Select the desired item to display the destination screen.



4. Complete the following:

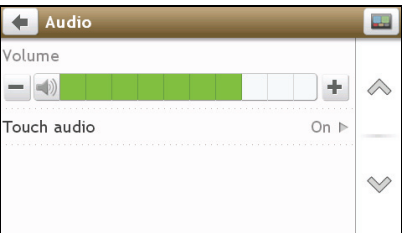
If you want to ...	Then ...
calculate the route, open the <i>Map</i> screen and start navigating	<ul style="list-style-type: none">tap  The <i>Map</i> screen will display.
save the location as a favourite	<ul style="list-style-type: none">tap  The location will be saved in My Places immediately.
save the location as Home	<ul style="list-style-type: none">tap  →  The <i>Edit</i> screen will display.tap Save as Home.
explore the map	<ul style="list-style-type: none">tap Show on map.

What can I customise?






There are various customisation options available to enhance your navigation experience.




Audio



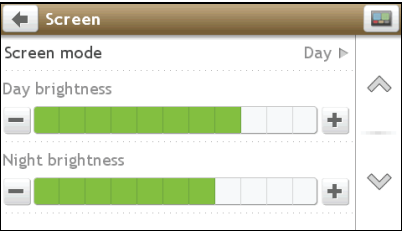
Complete the following:

If you want to ...	Then ...
increase the volume	tap  <ul style="list-style-type: none">The volume bar indicates the current volume level.
decrease the volume	tap  <ul style="list-style-type: none">The volume bar indicates the current volume level.
mute or unmute	tap  <ul style="list-style-type: none">The speaker icon indicates the status:  : muted  : unmuted
hear which letter you have tapped when you tap the touch screen	tap the Touch audio option to turn it On or Off .





- Your preferences are automatically saved.

 You can simply tap on the **Volume** bar so that the volume will be set immediately at the position you tapped.


Screen



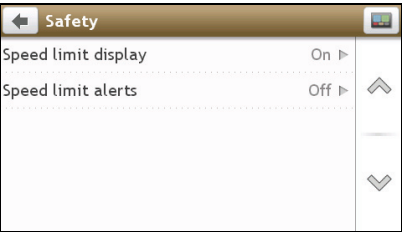
Complete the following:

If you want to ...	Then ...
change the displayed screen mode	tap Screen mode and select: <ul style="list-style-type: none">▪ Auto: set to automatically change between Day and Night modes.▪ Day: set the screen to be displayed in Day mode.▪ Night: set the screen to be displayed in Night mode.
change the screen brightness in day mode	tap  /  on Day brightness bar <ul style="list-style-type: none">▪ The brightness bar indicates the brightness level in day mode. Warning: Your Mio can heat up when the brightness scale is set high, therefore, use lower brightness whenever acceptable.
change the screen brightness in night mode	tap  /  on Night brightness bar <ul style="list-style-type: none">▪ The brightness bar indicates the brightness level in night mode. Warning: Your Mio can heat up when the brightness scale is set high, therefore, use lower brightness whenever acceptable.

- Your preferences are automatically saved.

 You can simply tap on the brightness bar so that the screen brightness will be set immediately at the position you tapped.

Safety

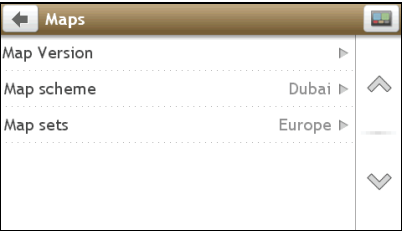


Complete the following:

If you want to ...	Then ...
enable/disable speed limit alerts, which warn you of the speed limit on any given road	<ul style="list-style-type: none">▪ tap the Speed limit display option to turn it On or Off.▪ tap Speed limit alerts and select:<ul style="list-style-type: none">○ Off: disable the speed limit alert.○ Auto: set the system to alert automatically while your speed is above the limit.○ Speed limit + 3 mph (Speed limit + 5 km/h): set the system to alert while your speed is 3mph (5 km/h) or more above the limit.○ Speed limit + 7 mph (Speed limit + 10 km/h): set the system to alert while your speed is 7mph (10 km/h) or more above the limit.

- Your preferences are automatically saved.

Maps

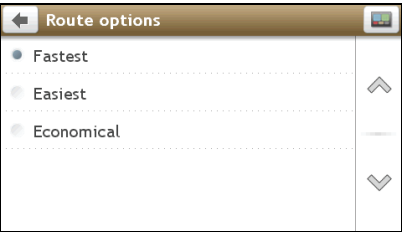


Complete the following:

If you want to ...	Then ...
view the map information	<p>tap Map Version to display a list of all maps, providing the following information:</p> <ul style="list-style-type: none">▪ Name▪ Date▪ Version/Build number▪ Coverage area
change the map colour scheme	tap Map scheme , then select a colour scheme from the list.
select a set of maps to load	tap Map sets , then select your preference from the list.

- Your preferences are automatically saved.

Route options



Complete the following:

If you want to ...	Then ...
set route type options for your route	<div>select your route type preference from the list:</div> <ul style="list-style-type: none">▪ Fastest – The route that should be the fastest when navigating.▪ Easiest – The simplest route with the least number of turns and favours motorways where appropriate.▪ Economical – The route with least number of stops, turns and urban areas which should save on fuel usage.

- Your preferences are automatically saved.

Language

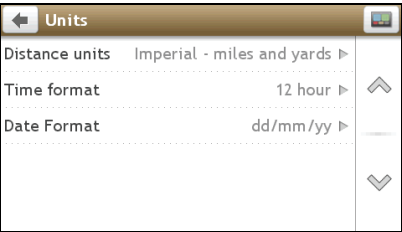


Complete the following:

If you want to ...	Then ...
change the on-screen language	tap Language and select your preferred language from the list.
change the voice scheme	tap Voice and select your preferred voice scheme from the list.

- Your preferences are automatically saved.

Units

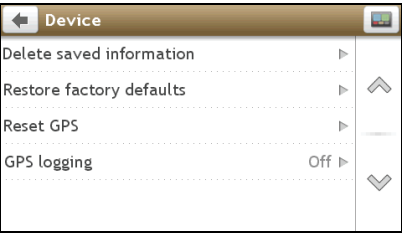


Complete the following:



If you want to ...	Then ...
change the distance units	tap Distance Units and then select your preferred distance unit type.
change the time format	tap Time format and then select your preferred time format.
change the date format	tap Date Format and then select your preferred date format type.


- Your preferences are automatically saved.

Device



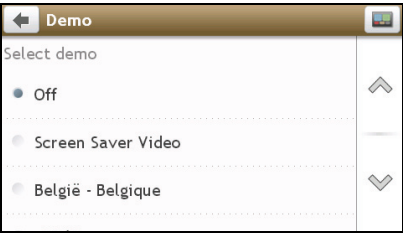
Complete the following:

If you want to ...	Then ...
delete the saved information in your Mio	tap Delete saved information <ul style="list-style-type: none">Tap Delete My Places and tap Yes when the warning dialog box displays. The data saved in My Places will be deleted.Tap Delete recent locations and tap Yes when the warning dialog box displays. The data of recent locations will be deleted.
restore factory default settings	tap Restore factory defaults . When the warning dialog box displays, tap Yes . Your Mio will restart.  The Restore factory defaults option allows you to restore default factory settings but will not delete recent locations or saved My Places destinations.  When you restore factory defaults, your LearnMe profile will be cleared from the device.



If you want to ...	Then ...
reset the GPS	<p>tap Reset GPS. When the warning dialog box displays, tap Yes.</p> <p> Occasionally, the GPS fix may need to be reset. This may occur if the receiver has been transported a long distance since last being used; for example, to a different country, and is still trying to establish the previous position.</p>
record a GPS log of your trip	tap the GPS logging option to turn it On or Off .

- Your preferences are automatically saved.

Demo

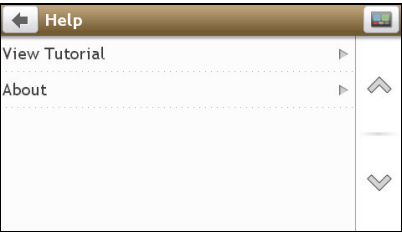


Complete the following:

If you want to ...	Then ...
enable a shop demonstration of Mio Spirit to be played	<p>select a demonstration country from the list and tap Start.</p> <p>Tap OK. Your Mio will restart.</p> <p>When your Mio is in Shop demo mode, you will see the navigation demonstration of the pre-defined route without having to set a destination.</p> <p> You cannot operate your Mio properly in Shop demo mode.</p>
enable the screen saver feature on your Mio	<p>tap Screen Saver Video.</p> <p>When your Mio is idle for 10/30/60 minutes, the screen saver will display.</p> <p> The screen saver will only display if your Mio is connected to a power supply.</p>

- Your preferences are automatically saved.























Help



Tap **About** to display copyright and trademark information.

Point of Interest categories





Icon	Description	Icon	Description
	Airport		Amusement park
	Art centre		ATM/Cash dispenser
	Bank		Bar/Pub
	Beach		Breakdown service/Car repair facility
	Bowling centre		Business facility or company
	Business office		Bus station
	Camping ground		Car dealer/Automobile dealer
	Casino		Cemetery
	Church		Cinema
	City hall		City, town or village
	Coffee shop		College/University
	Community centre		Commuter railway station
	Courthouse		Dentist
	Doctor		Embassy
	Exhibition centre		Ferry terminal
	Fire Brigade		Golf course
	Government office		Grocery store
	Guest house		Higher education
	Hospital/Polyclinic		Hotel
	Ice skating		Important tourist attraction
	Information/Tourist information office		Library
	Marina/Yacht basin		Medical
	Monument		Motorcycle dealer

Icon	Description	Icon	Description
	Motoring organisation office		Mountain pass
	Museum		Music centre
	Natural attraction		Nightlife
	Park and ride		Parking
	Parking garage		Park/Recreation area
	Performance art/Theater		Petrol station
	Pharmacy		Place of worship
	Police station		Post office
	Public restroom/Toilet facilities		Public sport airport
	Railway crossing		Rental car agency
	Rest area		Restaurant
	Road accident black spot		Scenic/Panoramic views
	School		School zone
	Shop		Shopping
	Ski resort/Ski lift station		Speed check
	Sport centre		Sports hall
	Sports complex		Stadium
	Tennis court		Travel agency
	Transport ferry		Veterinarian
	Winery		Zoo



Branded Points of Interest

Branded Points of Interest are available on some maps. These include well known restaurants, accommodation providers, tourist attractions, Petrol stations, etc. The icon will usually display the company logo.

Point of Interest categories by subscription



















Icon	Description
	Safety Cameras
	Safety Camera (Mobile)
	Safety Camera (Average)
	Red Light Camera

My Places categories





Icon	Description
	Home
	Saved locations


Traffic and other TMC Events

Each TMC Event is sorted in to one of nine categories. When an Event is received, one of the following icons will display:

Event	Avoided Event	Message Type	Event Description
		Danger	There is a dangerous situation on the route; for example, people are on the road.
		Traffic	Any event that will cause a delay on a route.
		Weather	Weather conditions are adversely affecting a route; for example, there is ice on the road.
		Warnings	There is a situation of which you should be aware on the route, but it is not serious enough to be considered a dangerous situation; for example, a minor accident has taken place.
		Forecast	An event is expected to occur on a route.
		Restrictions	There is a restricted flow of traffic on a route; for example, a lane has been closed on a motorway.
		Clearance	A traffic event that has now been cleared.
		Information	All other events.
		Roadworks	Roadworks are taking place on a route.

If a *Traffic* or *Clearance* event has a recommended detour, the following icons will display:

Event	Avoided Event	Message Type	Event Description
		Traffic Detour	A <i>Traffic</i> Event, for which a detour is recommended.
		Clearance Re-route	A <i>Clearance</i> Event, for which a re-route is recommended.

 Avoided Event icons will only display on the *Map* screen, at the event location.

What is MioMore Desktop?

MioMore Desktop is a suite of tools you can use to access greater functionality and product information via your computer.


MioMore Desktop allows you to:

- obtain software updates
- manage maps
- manage safety camera subscriptions
- browse the Mio website for special offers.


Can I use MioMore Desktop with my computer?

Ensure your computer has the following *minimum* system requirements before installing MioMore Desktop:

- IBM compatible PC
- Microsoft® Windows® XP SP2, Vista x32, or Windows 7
- Internet Explorer 6 or higher
- DVD drive
- USB port
- Internet connection for activation.

 Microsoft .NET 2.0, 3.0 and 3.5 will be installed on your computer as part of the installation of MioMore Desktop.

How do I install MioMore Desktop onto my computer?

 **Before you begin:** Ensure that your computer meets the minimum system requirements for MioMore Desktop, especially:

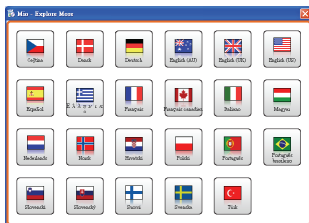
- Ensure that *Internet Explorer 6* or higher is installed on your computer before you install MioMore Desktop, even if it is not your default browser.
- Windows XP users, ensure that *Windows XP Service Pack 2* or higher has been applied before you install MioMore Desktop.



CAUTION: When your Mio is turned on and connected to a computer, it is recognized as an external mass-storage device. Do NOT delete any files that are pre-installed on your Mio. Deleting the files can cause your Mio to crash

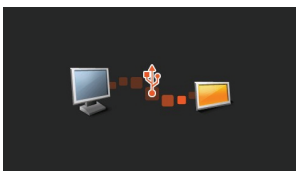
1. Close all programs on your computer.
2. Insert the MioMore Desktop Application Installer DVD into your computer DVD drive. The MioMore Desktop installer will start.

If your computer does not automatically launch the DVD, start the installation manually:
Start → Run.

Type **D:\Install.exe** where "**D**" is the letter assigned to your DVD drive, then click **OK**.



3. Select your preferred language for MioMore Desktop.
 4. Click **Install Software**, then **Install MioMore Desktop 2**.
 5. Follow the screen prompts to install MioMore Desktop:
 - Review and accept the Licence Agreement for MioMore Desktop when prompted.
 - Select a destination folder for MioMore Desktop when prompted.
 - When the installation is complete, click **Finish**.
MioMore Desktop will open.
 6. If prompted to connect your Mio to your computer, complete the following:
 - Plug the large end of the USB cable directly into a USB port on your computer (not a USB hub) and plug the small end into the **USB Socket** () on the bottom of your Mio.
-  Where possible, plug the USB cable into a USB port at the *back* of your computer.
- Slide the **Power** switch to the **ON** position, to turn on your Mio.
The following screen will display on your Mio:



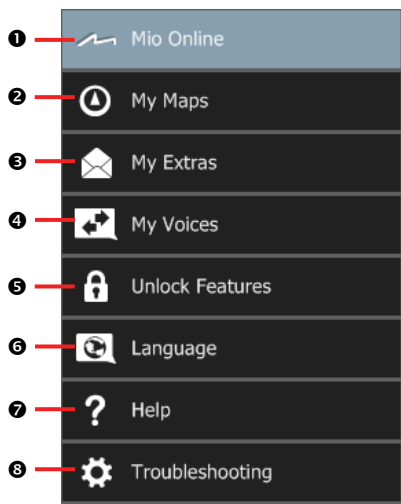
7. If prompted to update your Mio software, follow the on-screen prompts.

You are now ready to use MioMore Desktop to install maps to your Mio.

 From now on, you can access MioMore Desktop via: *Start → All Programs → Mio → MioMore Desktop 2*

MioMore Desktop Menu

Depending on your Mio model, certain MioMore Desktop Menu options may not be available.



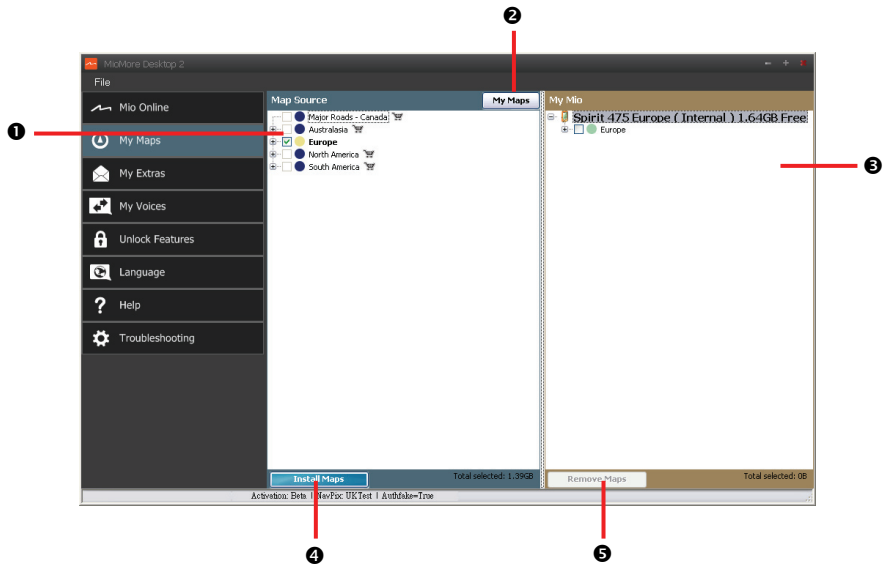
	Component	Description
❶	Mio Online	Display the Mio website, Mio Store and other online features.
❷	My Maps	Install and manage maps.
❸	My Extras	Display available subscription services for your Mio.
❹	My Voices	Install and manage voice files for your Mio.
❺	Unlock Features	Allow you to enter the activation key for the service you purchased.
❻	Language	Change the language for MioMore Desktop.
❼	Help	View useful information for using you Mio.
❽	Troubleshooting	Help you recover your Mio if problems occur during operation.

My Maps

My Maps allows you to install new maps, remove maps from your Mio and purchase new maps.

MioMore Desktop → My Maps

Click **View Installed Maps**.




	Component	Description
❶	Map Source	A list of maps on the DVD or available for purchase via the Mio Store website.
❷	Continent	A drop down list of continents that have maps available for your Mio.
❸	My Mio	A list of maps installed on your Mio.
❹	Install map	Click to install the selected map in the Map Source list to you Mio.
❺	Remove map	Click to remove the selected map from your Mio.

Occasionally Mio will offer you free map updates. If a free map update is available and your Mio is connected to your computer, a message will display when you first start MioMore Desktop.

How do I download a map update immediately?

1. Select the map updates that you would like to download, then click **Download**.
2. Navigate to your *Loadable Maps* location and save the files.

 The default Loadable Maps location is the *My Maps* folder in your *Documents* folder. You can change the location by clicking the **Change Path** button.

How do I download a map update at a later time?

1. Click **Close** to close the *Free Map Updates* window.
2. When you are ready to download the map update, click **My Maps**.
A list of available map updates will be displayed under **Free to download** in the **Available Downloads** section.



The Total Refresh Latest Map Guarantee must be used within 30 from the first date you use your Mio.

3. Select the map update that you would like to download, then click **Yes**.
4. Navigate to your *Loadable Maps* location and save the files.



The default Loadable Maps location is the *My Maps* folder in your *Documents* folder. You can change the location by clicking the **Change Path** button.

How do I install a map update that I have downloaded?

1. Click **My Maps**.
A list of downloaded map updates will be displayed in the **Loadable Maps** section.
2. Click **Open** next to the map update that you would like to install.
The globe will display. The free maps that you downloaded are **yellow**.
3. Click the map you want to install to your Mio.
The map will change colour to a brighter **yellow** to indicate it has been selected.
 - To deselect a map, click the map again.



You may need to install multiple maps to cover the required geographical area.

4. Select the destination media for the selected map, then click **Transfer Now**.
The selected map will be installed and change colour to **green**.
5. To use your Mio, disconnect the USB cable.



WARNING: Do not disconnect the USB cable from the Mio USB Socket until the Globe has refreshed, and the installed map or maps have changed colour to **green**.

How do I install maps onto my Mio?

Your Mio comes with one or more pre-activated maps.

You can install maps from the DVD that came with your Mio or one that you have purchased separately to a memory card or your Mio internal memory; however you may need to purchase a Map Product Key to activate maps on the DVD that came with your Mio.

1. Open MioMore Desktop, if it is not already open:
Start → All Programs → Mio → MioMore Desktop
2. Click **My Maps**.
The *My Maps* application will display.
3. Insert a Map DVD into your computer DVD drive.
 - The maps already installed on your Mio are **green**.
 - The maps that are unlocked and ready to be installed to your Mio are **yellow**.
 - The maps that require activation before being installed to your Mio are **red**.
 - The maps that are available for purchase from Mio are **blue**.



If your computer opens Windows Explorer when the DVD is inserted, close the Windows Explorer window.

4. Complete the following:

If the map to be installed is ...	Then ...
yellow	go to step 7.
red	the map needs to be activated via the Internet before it can be installed; continue to step 5.

5. If you connect to the Internet via a dial-up connection, connect to the Internet now.
6. Follow the prompts to activate your Map Product Key, including:
- Enter the Map Product Key when prompted.
 - Your computer will connect to the Internet and activate your Map Product Key.
 - When activation has completed, the map will change colour to **yellow**; continue to step 7.
7. Click the map you want to install to your Mio.
The map will change colour to a brighter **yellow** to indicate it has been selected.
- To deselect a map, click the map again.



You may need to install multiple maps to cover the required geographical area.

8. Complete the following:

If you want to ...	Then ...
install a yellow map	go back to step 7.
install a red map	the map needs to be activated via the Internet before it can be installed; go back to step 5.
install the selected maps to your Mio	continue to step 9.

9. Select the destination media (Mio internal memory) for the selected maps, then click **Transfer Now**.
The selected maps will be installed and change colour to **green**.
10. To use your Mio, disconnect the USB cable. You may need to manually reset your Mio.



WARNING: Do not disconnect the USB cable from the Mio **USB Socket** until the **Globe** has refreshed, and the installed map or maps have changed colour to **green**.

How do I remove maps from my Mio?

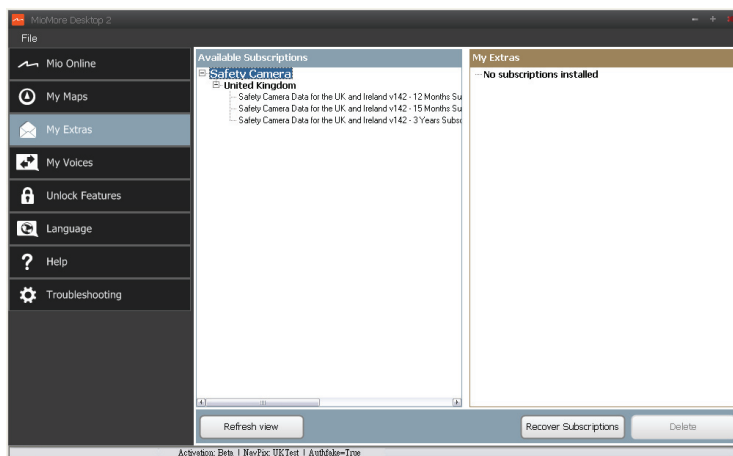
- Click **My Maps**.
The *My Maps* application will display.
- From the *My Mio* panel, select the check box next to the map you want to remove.
- Click **Remove Maps** to remove the selected maps.
- Confirm that you want to remove the selected map when prompted.
The map is removed from your Mio.
You can reinstall these maps at any time via MioMore Desktop.


My Extras

Subscription information is available in selected models and countries only.

Your Mio contains pre-loaded subscriptions, such as safety camera and travel book information. For the latest subscription updates, visit: www.mio.com.

MioMore Desktop → My Extras



 Safety Camera alerts can be set to enable a warning sound or visual warning when on your route.

How do I purchase a subscription?

1. Select a type of subscription.
A list of regions will display.
2. Select a region.
A list of available subscriptions will display.
3. Select a subscription or offer, then click **Purchase an activation key from the Mio store**.
The Mio Store website will open.
4. Follow the prompts to purchase your subscription.

A product key will be sent to you via email when you have subscribed. You will need to use this product key to activate your subscription.


How do I activate my subscription?

MioMore Desktop → Unlock Features

1. Enter your product key.
2. Follow the prompts to activate your subscription.

How do I update subscriptions on my Mio?

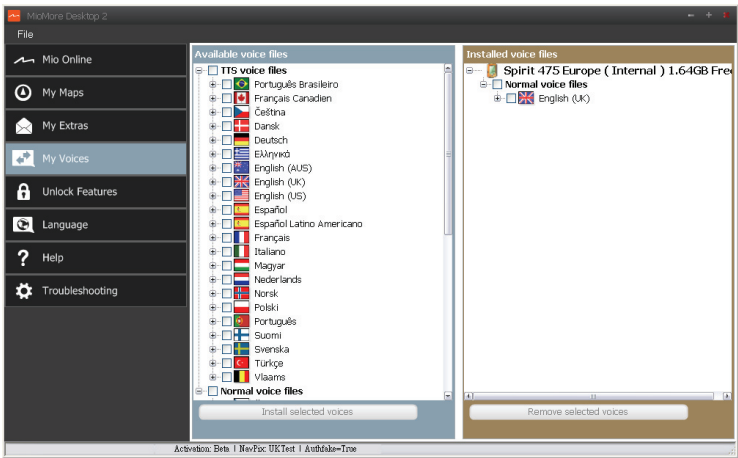
The My Mio section will display a list of subscriptions already installed on your Mio:

Icon	Description
Red	Expired subscriptions. <ul style="list-style-type: none">▪ right click to purchase a new subscription.
Yellow	Available subscriptions. <ul style="list-style-type: none">▪ right click to update and purchase new subscription.
Green	Active subscriptions. <div> No updates are available for these subscriptions.</div>

My Voices

My Voices is a MioMore Desktop application that allows you to install or remove voice files.

MioMore Desktop → My Voices



Voice files take up space on your Mio’s internal memory. If you do not use a voice file, you can remove it to free up space. You can later reinstall it to your Mio if required.

How do I install a voice file?

In the *Available voice files* section, select the voice file you would like to install, then click **Install selected voices**.

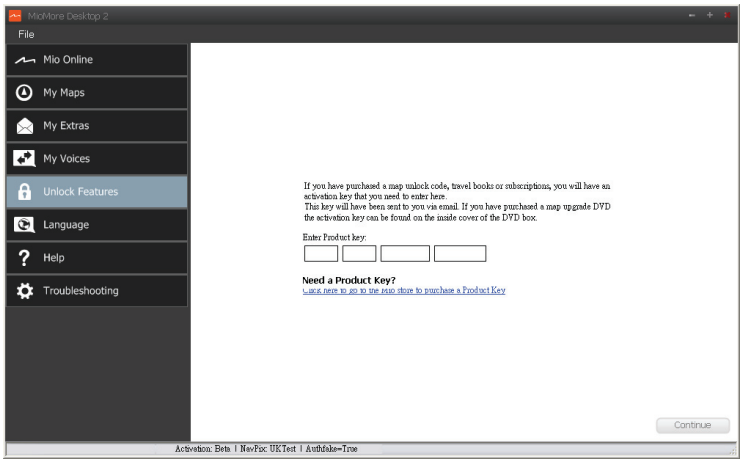
How do I remove a voice file?


In the *Installed voice files* section, select the voice file you would like to remove, then click **Remove selected voices**.


Unlock Features

If you have purchased a map unlock code or subscriptions for your Mio, you have to enter the activation key using the Unlock Features application.

MioMore Desktop → Unlock Features



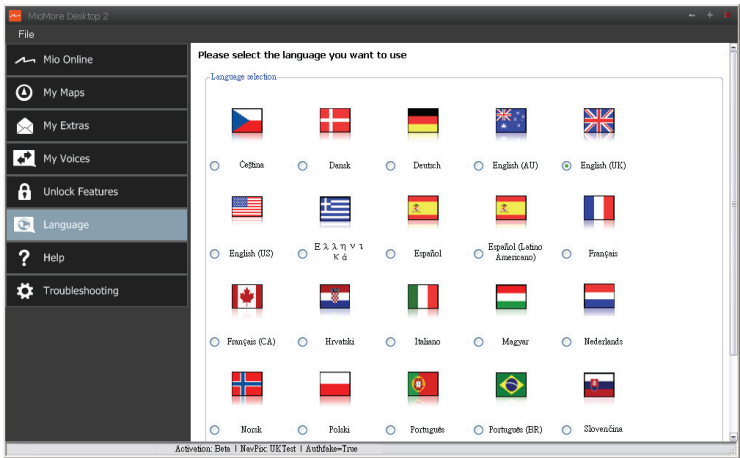
 The activation key will be sent to you by email, or printed on the inside cover of the box if you purchase the map update DVD.

 You can click the link on the screen to purchase an activation key online. Make sure you have an active Internet connection for this feature.

Language

You can change the language for MioMore Desktop.

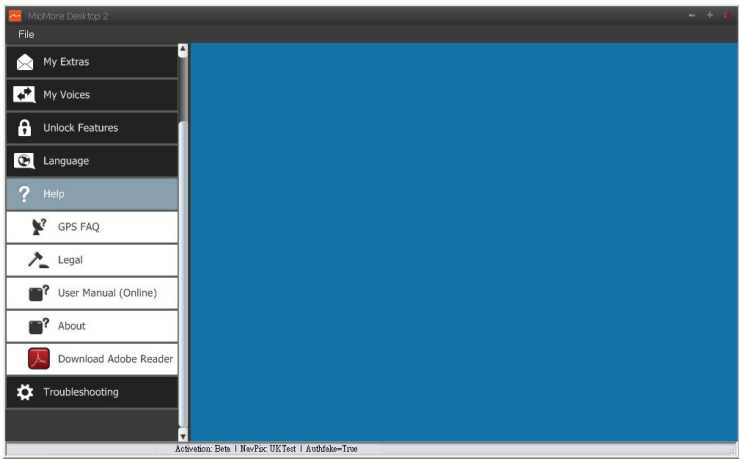
MioMore Desktop → Language



Help

MioMore Desktop provides you with useful information about using your Mio, including the GPS FAQ, User Manual, and more. Simply click the link button in Help to get the related information.

MioMore Desktop → Help

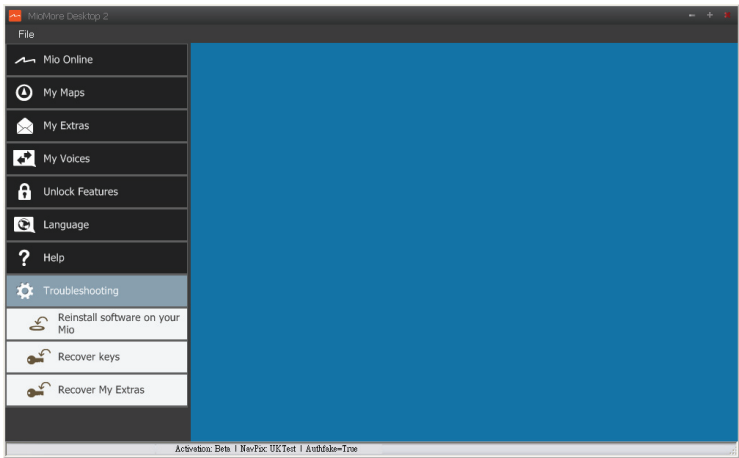


Troubleshooting

The Troubleshooting menu provides you with the tools for user to fix your Mio if a problem occurs during operation, including:

- Reinstall software on your Mio.
- Recover keys.
- Recover My Extras.

MioMore Desktop → Troubleshooting



Click the function button in Troubleshooting and then follow the prompts to complete the process.

For more information

Online support

For 24/7 help and support with Mio products, visit our Technical Support website at: www.mio.com

Mio Advantage

If you have a faulty product or you would like to speak to a member of our Technical Support team, register your Mio on Mio Advantage to obtain the Technical Support phone numbers for your region.

Speed Limit

Mio products are designed to be used as an aid to safer driving. Mio does not condone speeding or any other failure to comply with your local traffic laws. It is your responsibility to drive within the posted speed limit at all times and to drive in a careful manner. Mio accepts NO liability whatsoever for you receiving any speeding fines or points on your license through using this device. Mio does not guarantee the accuracy of the data contained within this database either expressed or implied. In the event you receive a fine or any other penalty for speeding or contravention of any traffic law, or are involved in an accident, Mio is not responsible for any damages of any type. In some countries the data information regarding speed limits may conflict with local law and/or regulations. It is your responsibility to make sure that your use of the data is in compliance with local laws and/or regulations. Usage is at your own risk.

Safety Camera POIs

Mio products are designed to be used as an aid to safer driving. You can receive messages to alert you to locations of safety cameras, which will enable you to monitor your speed through these areas. Mio does not warrant that all types and locations of safety camera data are available, as cameras may be removed, relocated or new cameras installed. Mio does not condone speeding or any other failure to comply with your local traffic laws. It is your responsibility to drive within the posted speed limit at all times and to drive in a careful manner. Mio accepts NO liability whatsoever for you receiving any speeding fines or points on your license through using this device. Mio does not guarantee the accuracy of the data contained within this database either expressed or implied. In the event you receive a fine or any other penalty for speeding or contravention of any traffic law, or are involved in an accident, Mio is not responsible for any damages of any type. In some countries the data information regarding safety or speed cameras may conflict with local law and/or regulations. It is your responsibility to make sure that your use of the data is in compliance with local laws and/or regulations. Usage is at your own risk.

Disclaimer

Mio operates a policy of ongoing development. Mio reserves the right to make changes and improvements to any of the products described in this document without prior notice. Mio does not warrant that this document is error-free. The screenshots and other presentations shown in this manual may differ from the actual screens and presentations generated by the actual product. All such differences are minor and the actual product will deliver the described functionality as presented in this User Manual in all material respects.

Copyright

© 2010 MiTAC International Corporation. Mio is either a registered trademark or trademark of MiTAC International Corporation and is used under licence by Mio Technology Limited. All rights reserved.

The software contains proprietary information of MiTAC International Corporation; it is provided under a licence agreement containing restrictions on use and disclosure and is also protected by copyright law. Reverse engineering of the software is prohibited.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of Mio.

IQ Routes is a registered trademark of TomTom International BV

Microsoft, Windows, Windows Vista, Windows 7, and Internet Explorer are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. All rights reserved.

© 2010 Microsoft Corporation. All rights reserved. Microsoft, MSN, and the MSN logo are trademarks of the Microsoft group of companies.

The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Mio Technology Limited is under license.

Location Identifiers © 2010 International Air Transport Association.

POI Data © 2010 InfoUSA.

The software is based in part on the work of the Independent JPEG Group.

All other trademarks and registrations are the property of their respective owners.

Revision: R00
(3/2010)